



072152-00001-060299

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Systems Integration Group, Inc.

PM33

72152-1

6-2-99

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## UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Office of Pesticide Programs  
Registration Division (H7505)  
401 "M" St., S.W.  
Washington, D.C. 20460

EPA Reg  
Number:

72152-1

Date of Issuance:

JUN 02 1999

## NOTICE OF PESTICIDE:

☒ Registration  
☐ Reregistration

Term of Issuance

Conditional

Name of Pesticide Product:

Bioside HS 5%

under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

Kleenbak Corp.  
P.O. Box 446  
Allendale, NJ. 07401-0446

**Note:** Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered/reregistered under the Federal Insecticide, Fungicide and Rodenticide Act.

Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is conditionally registered in accordance with FIFRA sec. 3(c)(7)(A) provided that you:

1. Submit and/or cite all data required for registration/reregistration of your product under FIFRA sec. 3(c)(5) when the Agency requires all registrants of similar products to submit such data; and submit acceptable responses required for reregistration of your product under FIFRA section 4.

2. Make the following label changes:

a. Revise the EPA Registration Number to read, "EPA Registration No. "72152-1".

Marshall Swindell, PM-33  
Regulatory Management Branch 1  
Antimicrobials Division (7510C)

Date:

JUN 02 1999

EPA Form 8570-6

## CONCURRENCES

SYMBOL

SURNAME

page 2  
EPA Reg. No. 72152-1

2066

3. Submit two copies of the revised final printed label for the record.

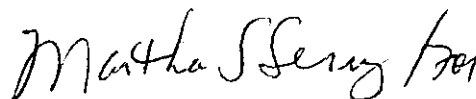
The Confidential Statement of Formula dated December 22, 1998, is acceptable.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

A stamped copy of the label is enclosed for your records.

If you have any questions concerning this letter, please contact Pam Hasty at (703)308-7933.

Sincerely,



Marshall Swindell  
Product Manager 33  
Regulatory Management Branch 1  
Antimicrobials Division (7510C)

Enclosure

12/22/98

## BioSide™ HS 5% (Peroxyacetic Acid Solution)

BioSide™ HS 5% is a peroxyacetic acid-based solution developed for bacteria, fungi, and slime control in the following uses:

- Pulp and Paper Mill Systems
- Cooling Water Systems
- Coatings Preservation
- Dispersed Pigments

### Active Ingredients:

Peroxyacetic Acid	4.9%
Hydrogen Peroxide	26.5%

Inert Ingredients:	<u>68.6%</u>
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Total:	100%
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EPA Registration No.  
EPA Est. No.

Before Using This Product, Please Read This Entire Label Carefully

**KEEP OUT OF REACH OF CHILDREN  
DANGER**

### STATEMENT OF PRACTICAL TREATMENT

If in eyes: Hold eyes open and flush with a steady, gentle stream of water for 5 minutes. Get medical attention.

If on skin: Wash with plenty of soap and water. Get medical attention.

If swallowed: Call a doctor or get medical attention. Do not induce vomiting or give anything by mouth to an unconscious person. Drink promptly a large quantity of milk, egg whites, gelatin solution, or if these are not available, drink large quantities of water. Avoid alcohol.

Note to Physician: Probable mucosal damage may contraindicate the use of gastric lavage.

ACCEPTED  
with COMMENTS  
in EPA Letter Dated:

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Under the Federal Insecticide,  
Fungicide, and Rodenticide Act as  
amended, for the pesticide,  
registered under EPA Reg. No.

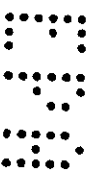
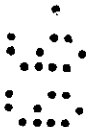
72152-1

Manufactured By :

Kleenbak Corporation

PO Box 446

Allendale, New Jersey 07401-446



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12/22/98

## PRECAUTIONARY STATEMENTS

### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

**DANGER. CORROSIVE.** Causes irreversible eye damage and skin burns. May be fatal if inhaled or absorbed through skin. Harmful if swallowed. Do not breathe vapors of spray mist. Do not get in eyes, on skin, or on clothing. Direct contact with product can cause irreversible damage to eyes. Wear goggles and face shield and rubber gloves when handling. Wash thoroughly with soap and water after handling and before eating, drinking or using tobacco. Remove contaminated clothing and wash before reuse.

### Physical or Chemical Hazards

**STRONG OXIDIZING AGENT.** Corrosive. Mix only with water. Product must be diluted in accordance with label directions prior to use. BioSide™ HS 5% is not combustible; however, at temperatures exceeding 156°F, decomposition occurs releasing oxygen. The oxygen released could initiate combustion.

### Environmental Hazards

This pesticide is toxic to birds, fish and aquatic invertebrates. Caution should be used when applying indoors because pets may be at risk. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or other waters unless in accordance with the requirements of the National Pollution Discharge System (NPDES) permit and the permitting has been notified in writing prior to discharge. Do not discharge effluent containing this product into sewer systems without previously notifying the local sewage plant authority. For guidance contact your state Water Board or Regional Office of the EPA. For guidance contact your State Water Board or Regional Office if the US Environmental Protection Agency.

## DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

## BIOFOULING CONTROL IN PULP AND PAPER MILL SYSTEMS

For use in the manufacture of paper and paperboard intended for non-food contact. BioSide™ HS 5% can be used to control bacteria, fungi, and fresh water organisms in paper, paperboard or non-woven process water and influent water systems. Suitable dosing points include but are not limited to: stock chests, pulpers, the white water loop and white water storage systems and influent water streams.

### Influent Water Systems:

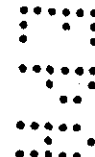
BioSide™ HS 5% should be fed continuously to incoming fresh water streams (nonpotable use only) at dosages ranging from 5-500 ppm.

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**Mill Process Waters:**

- Continuous Feed - BioSide™ HS 5% should be fed continuously at dosages ranging from 5-500 ppm. This range may be equivalent to 0.4-40 lbs. BioSide™ HS 5% per ton (dry basis) of pulp or paper produced.
- Intermittent Feed - BioSide™ HS 5% should be fed intermittently (6-8 times per day) at dosages ranging from 5-500 ppm. This dosage may be equivalent to 0.4-40 lbs. BioSide HS 5% per ton (dry basis) of pulp or paper produced during the feed period.
- Shock Dose - BioSide™ HS 5% should be shock dosed at dosages ranging from 50-1000 ppm. This dosage may be equivalent to 4-82 lbs. BioSide™ HS 5% per ton (dry basis) of pulp or paper produced during the feed period.

**CONTROL OF BACTERIA AND FUNGI IN DISPERSED PIGMENTS**

BioSide™ HS 5% can be used in control of bacteria and fungi in the manufacturing and storage of dispersed pigments such as kaolin clay, titanium dioxide, calcium carbonate, calcium sulfate, barium sulfate, magnesium silicate and diatomaceous earth used in paint and paper production.

Add 0.3 to 1.5 lbs. (5 to 25 fl. oz.) of BioSide™ HS 5% to each 1000 lbs. of pigment slurry. This will provide 300 to 1500 ppm of product.

**CONTROL OF SLIME FORMING BACTERIA TO COOLING WATER SYSTEMS (COOLING TOWERS, EVAPORATIVE CONDENSERS).**

- Severely fouled systems should be cleaned before adding the BioSide™ HS 5% solution. BioSide™ HS 5% should be added in the system directly and not mixed with any other chemicals or additives. Contamination with other chemicals could result in product decomposition.
- Add BioSide™ HS 5% at a point in the system where uniform mixing and even distribution will occur.
- Use 0.3 to 1.5 lbs. (5 to 24 fl. oz) of BioSide™ HS 5% per 1000 gallons of solution as a continuous or intermittent slug treatment. This will provide 300 - 1500 ppm of product. Repeat treatment as required to maintain control.

**CONTROL OF BACTERIA AND FUNGI IN COATING PREVERVATION**

Not for use in manufacture of material intended for food contact.

BioSide™ HS 5% can be used as an in-container preservative for the control of bacteria and fungi in water-based coatings such as paper coatings.

Add 0.2 to 1.5 lbs. (5 to 24 fl. oz) of BioSide™ HS 5% to each 1000 lbs. of water. This will provide 200 to 1400 ppm of product.

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## Storage and Disposal

**Storage:** Never return BioSide™ HS 5% to the original container after it has been removed. Avoid all contaminants, especially dirt, caustic, reducing agents, and metals. Contamination and impurities will reduce shelf life and can induce decomposition. In case of a decomposition, isolate container, douse container with cool water and dilute BioSide™ HS 5% with large volumes of water.

Avoid damage to containers. Keep container closed at all times when not in use. Keep container out of direct sunlight. To maintain product quality, store at temperatures below 86°F. Do not store on wooden pallets.

**Procedure for Leak or Spill:** Stop leak if this can be done without risk. Shut off ignition sources: no flames, smoking, flares, or spark producing tools. Keep combustible and organic materials away. Flush spilled material with large quantities of water. Undiluted material should not enter confined spaces.

**Pesticide Disposal:** Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or Hazardous Waste representative at the nearest EPA Regional Office for guidance. If material has been spilled, an acceptable method of disposal is to dilute with at least 20 volumes of water followed by discharge into suitable treatment system in accordance with all local, state and Federal environmental laws, rules, regulations, standards, and other requirements. Because acceptable methods of disposal may vary by location, regulatory agencies should be contacted prior to disposal. BioSide™ HS 5% which is to be discarded, should be disposed of as hazardous waste after contacting the appropriate local state or Federal agency to determine proper procedures.

**Container Disposal:** >5 gallon plastic drums: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or, if allowed by State and local authorities, by burning. If burned, stay out or smoke.

>5 gallons plastic tote bin liners: Completely empty bag into application equipment. Then dispose of empty bag in a sanitary landfill or by incineration, or, if allowed by State and local authorities, by burning. If burned, stay out or smoke.

## BioSide™ HS 5% (Peroxyacetic Acid Solution)

PO Box 446

Allendale, New Jersey 07401-446

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